

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

HANS-JUERGEN ENGELMANN  
EHRENFRIED ZSCHECH  
PETER HUEBLER

Confirmation No.: 3854

Examiner: Leonardo Andujar

Serial No.: 10/813,223

Group Art Unit: 2826

Filed: March 30, 2004

Att'y Docket: 2000.110900/DE0220

For: METAL LINE HAVING AN  
INCREASED RESISTANCE TO  
ELECTROMIGRATION ALONG AN  
INTERFACE OF A DIELECTRIC  
BARRIER LAYER BY IMPLANTING  
MATERIAL INTO THE METAL LINE

Customer No.: 23720

**RESPONSE TO OFFICE ACTION DATED JUNE 15, 2006**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is submitted in response to the Office Action dated June 15, 2006, for which the three-month date for response is September 15, 2006.

No fees are believed to be due in connection with the present paper. However, should any fees be required under 37 C.F.R. §§ 1.16 to 1.21, the Director is authorized to deduct such fees from Williams, Morgan & Amerson, P.C. Deposit Account No. 50-0786/2000.110900.

Reconsideration of the application in view of the following amendments and remarks is respectfully requested.